

## Cass County, Missouri: Detailed Soil Map Legend

## Wildlife Habitat

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Upland mixed deciduous-conifer trees		Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants		Irrigated freshwater wetland plants	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
2C: Higginsville----	Moderately limited ~wetness (moderately limited)	0.51	Limited ~infrequent flooding (limited) ~deep to water (moderately limited)	0.80 0.53	Not limited		Moderately limited ~deep to water (moderately limited)	0.53	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.45
5B: Macksburg-----	Slightly limited ~wetness (slightly limited)	0.29	Very limited ~deep to water (very limited) ~infrequent flooding (limited)	1.00 0.80	Slightly limited ~deep to water (slightly limited)	0.02	Very limited ~deep to water (very limited)	1.00	Moderately limited ~slope (moderately limited) ~seepage (slightly limited) ~deep to water (slightly limited)	0.31 0.18 0.02
6B: Sharpsburg-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Moderately limited ~slope (moderately limited) ~seepage (slightly limited)	0.31 0.18
7B: Deepwater-----	Slightly limited ~wetness (slightly limited)	0.08	Very limited ~deep to water (very limited) ~infrequent flooding (limited)	1.00 0.80	Slightly limited ~deep to water (slightly limited)	0.22	Very limited ~deep to water (very limited)	1.00	Moderately limited ~seepage (moderately limited) ~slope (moderately limited) ~deep to water (slightly limited)	0.45 0.31 0.22

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
7C: Deepwater-----	Slightly limited ~wetness (slightly limited)	0.08	Very limited ~deep to water (very limited) ~infrequent flooding (limited)	1.00 0.80	Slightly limited ~deep to water (slightly limited)	0.22	Very limited ~deep to water (very limited)	1.00	Very limited ~slope (very limited) ~seepage (moderately limited) ~deep to water (slightly limited)	1.00 0.45 0.22
8: Pits-----	Not rated		Not rated		Not rated		Not rated		Not rated	
9D: Snead-----	Moderately limited ~wetness (moderately limited)	0.45	Limited ~infrequent flooding (limited) ~deep to water (limited)	0.80 0.60	Not limited		Limited ~deep to water (limited)	0.60	Very limited ~slope (very limited)	1.00
10D: Snead-----	Moderately limited ~wetness (moderately limited) ~droughty (slightly limited) ~large stones (slightly limited)	0.45 0.25 0.11	Limited ~infrequent flooding (limited) ~deep to water (limited) ~large stones (slightly limited)	0.80 0.60 0.11	Slightly limited ~droughty (slightly limited) ~large stones (slightly limited)	0.25 0.11	Limited ~deep to water (limited)	0.60	Very limited ~slope (very limited)	1.00
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10F: Snead-----	Moderately limited ~wetness (moderately limited) ~droughty (slightly limited) ~large stones (slightly limited)	0.45 0.25 0.11	Limited ~infrequent flooding (limited) ~deep to water (limited) ~large stones (slightly limited)	0.80 0.60 0.11	Slightly limited ~droughty (slightly limited) ~large stones (slightly limited)	0.25 0.11	Limited ~deep to water (limited)	0.60	Very limited ~slope (very limited)	1.00
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
11C: Greenton-----	Limited ~wetness (limited)	0.99	Limited ~infrequent flooding (limited) ~deep to water (slightly limited)	0.80 0.30	Not limited		Slightly limited ~deep to water (slightly limited)	0.30	Very limited ~slope (very limited)	1.00
13B: Sampsel-----	Very limited ~wetness (very limited)	1.00	Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Moderately limited ~slope (moderately limited)	0.31
13C: Sampsel-----	Very limited ~wetness (very limited)	1.00	Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited)	1.00
14B: Barco-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Moderately limited ~slope (moderately limited) ~seepage (slightly limited)	0.31 0.18

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Map symbol and soil name	Upland mixed deciduous-conifer trees		Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants		Irrigated freshwater wetland plants	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
17B: Polo-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.45 0.31
17C: Polo-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited) ~seepage (moderately limited)	1.00 0.45
18B: Summit-----	Moderately limited ~wetness (moderately limited)	0.45	Limited ~infrequent flooding (limited) ~deep to water (limited)	0.80 0.60	Not limited		Limited ~deep to water (limited)	0.60	Not limited	
18C: Summit-----	Moderately limited ~wetness (moderately limited)	0.45	Limited ~infrequent flooding (limited) ~deep to water (limited)	0.80 0.60	Not limited		Limited ~deep to water (limited)	0.60	Moderately limited ~slope (moderately limited)	0.31
19B: Weller-----	Slightly limited ~wetness (slightly limited)	0.29	Very limited ~deep to water (very limited) ~infrequent flooding (limited)	1.00 0.80	Slightly limited ~deep to water (slightly limited)	0.02	Very limited ~deep to water (very limited)	1.00	Moderately limited ~slope (moderately limited) ~deep to water (slightly limited)	0.31 0.02

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Map symbol and soil name	Upland mixed deciduous-conifer trees		Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants		Irrigated freshwater wetland plants	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
19C2: Weller-----	Slightly limited ~wetness (slightly limited)	0.29	Very limited ~deep to water (very limited) ~infrequent flooding (limited)	1.00 0.80	Slightly limited ~deep to water (slightly limited)	0.02	Very limited ~deep to water (very limited)	1.00	Very limited ~slope (very limited) ~deep to water (slightly limited)	1.00 0.02
22C: Oska-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Limited ~slope (limited)	0.91
28D: Coweta-----	Limited ~droughty (limited) ~depth to bedrock (slightly limited)	0.82 0.22	Limited ~infrequent flooding (limited)	0.80	Limited ~droughty (limited)	0.82	Not limited		Very limited ~slope (very limited) ~seepage (slightly limited)	1.00 0.18
29D: Norris-----	Limited ~depth to bedrock (limited) ~droughty (limited)	0.96 0.76	Limited ~infrequent flooding (limited)	0.80	Limited ~droughty (limited)	0.76	Not limited		Very limited ~slope (very limited)	1.00
32: Freeburg-----	Moderately limited ~wetness (moderately limited)	0.59	Moderately limited ~infrequent flooding (moderately limited) ~deep to water (moderately limited)	0.50 0.45	Not limited		Moderately limited ~deep to water (moderately limited)	0.45	Moderately limited ~seepage (moderately limited)	0.45

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
33: Zook-----	Moderately limited ~wetness (moderately limited) ~flooding (prolonged) (slightly limited)	0.59 0.20	Moderately limited ~infrequent flooding (moderately limited) ~deep to water (moderately limited) ~flooding (prolonged) (slightly limited)	0.50 0.45 0.20	Slightly limited ~flooding (prolonged) (slightly limited)	0.20	Moderately limited ~deep to water (moderately limited)	0.45	Not limited	
34: Blackoar-----	Very limited ~wetness (very limited) ~flooding (prolonged) (slightly limited)	1.00 0.20	Moderately limited ~infrequent flooding (moderately limited) ~flooding (prolonged) (slightly limited)	0.50 0.20	Slightly limited ~flooding (prolonged) (slightly limited)	0.20	Not limited		Moderately limited ~seepage (moderately limited)	0.45
36: Bremer-----	Limited ~wetness (limited)	0.99	Limited ~infrequent flooding (limited) ~deep to water (slightly limited)	0.80 0.30	Not limited		Slightly limited ~deep to water (slightly limited)	0.30	Slightly limited ~seepage (slightly limited)	0.18
37: Moniteau-----	Very limited ~wetness (very limited)	1.00	Moderately limited ~infrequent flooding (moderately limited) ~deep to water (slightly limited)	0.50 0.02	Not limited		Slightly limited ~deep to water (slightly limited)	0.02	Slightly limited ~seepage (slightly limited)	0.18
40: Haig-----	Limited ~wetness (limited)	0.99	Limited ~infrequent flooding (limited) ~deep to water (slightly limited)	0.80 0.30	Not limited		Slightly limited ~deep to water (slightly limited)	0.30	Not limited	

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47C: Mandeville-----	Slightly limited ~depth to bedrock (slightly limited)	0.21	Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Very limited ~slope (very limited)	1.00
49D: Eram-----	Moderately limited ~wetness (moderately limited)	0.45	Limited ~infrequent flooding (limited) ~deep to water (limited)	0.80 0.60	Not limited		Limited ~deep to water (limited)	0.60	Very limited ~slope (very limited)	1.00
51B: Kenoma-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Slightly limited ~slope (slightly limited)	0.08
51C: Kenoma-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Limited ~slope (limited)	0.91
52C: Nowata-----	Not limited		Limited ~infrequent flooding (limited)	0.80	Not limited		Not limited		Limited ~slope (limited) ~seepage (slightly limited)	0.91 0.18
62B: Macksburg-----	Slightly limited ~wetness (slightly limited)	0.29	Very limited ~deep to water (very limited) ~infrequent flooding (limited)	1.00 0.80	Slightly limited ~deep to water (slightly limited)	0.02	Very limited ~deep to water (very limited)	1.00	Moderately limited ~slope (moderately limited) ~seepage (slightly limited) ~deep to water (slightly limited)	0.31 0.18 0.02

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Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
93: Verdigris-----	Not limited		Moderately limited ~infrequent flooding (moderately limited)	0.50	Not limited		Not limited		Moderately limited ~seepage (moderately limited)	0.45
AED: Arents, earthen dam-----	Not rated		Not rated		Not rated		Not rated		Not rated	
M-W: Water-----	Not Rated		Not Rated		Not Rated		Not Rated		Not Rated	
W: Water-----	Not Rated		Not Rated		Not Rated		Not Rated		Not Rated	
							Not Rated		Not Rated	
							Not Rated		Not Rated	